

June 23, 2017

Mr. Tarek Buckmaster
Lakes Erie and Huron Permits Unit
Michigan Department of Environmental Quality
525 West Allegan
Lansing, Michigan 48909

**Re: NPDES Permit Renewal Application Revision
DTE Electric Company – Monroe Power Plant (MONPP)
NPDES Permit No. MI0001848**

Dear Mr. Buckmaster:

The DTE Electric Company (Company) is submitting a revision to the NPDES permit renewal application dated April 4, 2014, and subsequent revisions, for the above-referenced facility. This revision is based on developments that have occurred or will occur since the original application was submitted. These developments are associated with the requirements of the coal combustion residuals (CCR) rule, 40CFR Part 257, which was published in the Federal Register on April 17, 2015.

The facility is requesting to alternatively route the Non-Chemical Metal Cleaning Waste (NCMCW) waste stream to the main discharge canal. The revised pages to the application are enclosed; the following narrative provides a brief explanation of the changes:

Attachment I – Section 1, Item 10

Revised the Water Flow Diagram as follows:

Added alternate route of non-chemical metal cleaning waste to the main discharge canal;
Added monitoring point MP 001K.

The enclosed Water Flow Diagram, with revisions shown in red, summarizes the clarification described above.

Page 20 – Section III.B (for Outfall 001)

Revised this section as follows:

Requested authorization to discharge non-chemical metal cleaning waste through new MP 001K;

Note: The new request for authorization to discharge will not result in an increase in flow through Outfall 001.

Mr. Tarek Buckmaster

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If you have any questions or desire additional information, please contact Atira Mabin at (313) 235-5703, or via email at atira.mabin-hampton@dteenergy.com.

Sincerely,

A handwritten signature in cursive script that reads "Atira Mabin".

DTE Energy Corporate Services, LLC

Atira Mabin

Environmental Engineer

Environmental Management & Resources

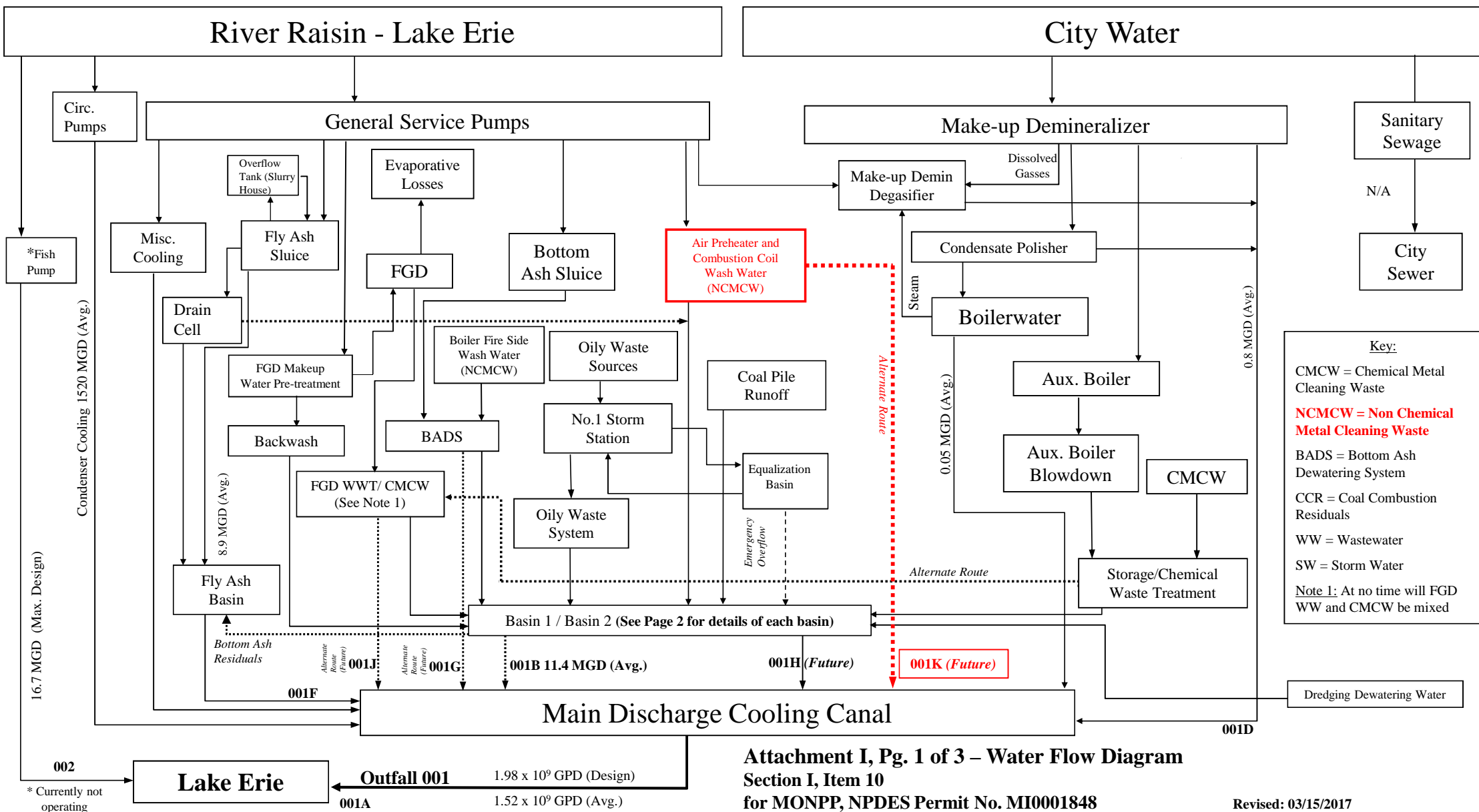
Enclosure

Cc: Ms. C. Alexander – MDEQ, WRD Permits Section
Ms. T. Myers – MDEQ, Jackson Michigan District
Mr. K. Mroczowski – MDEQ, Jackson Michigan District

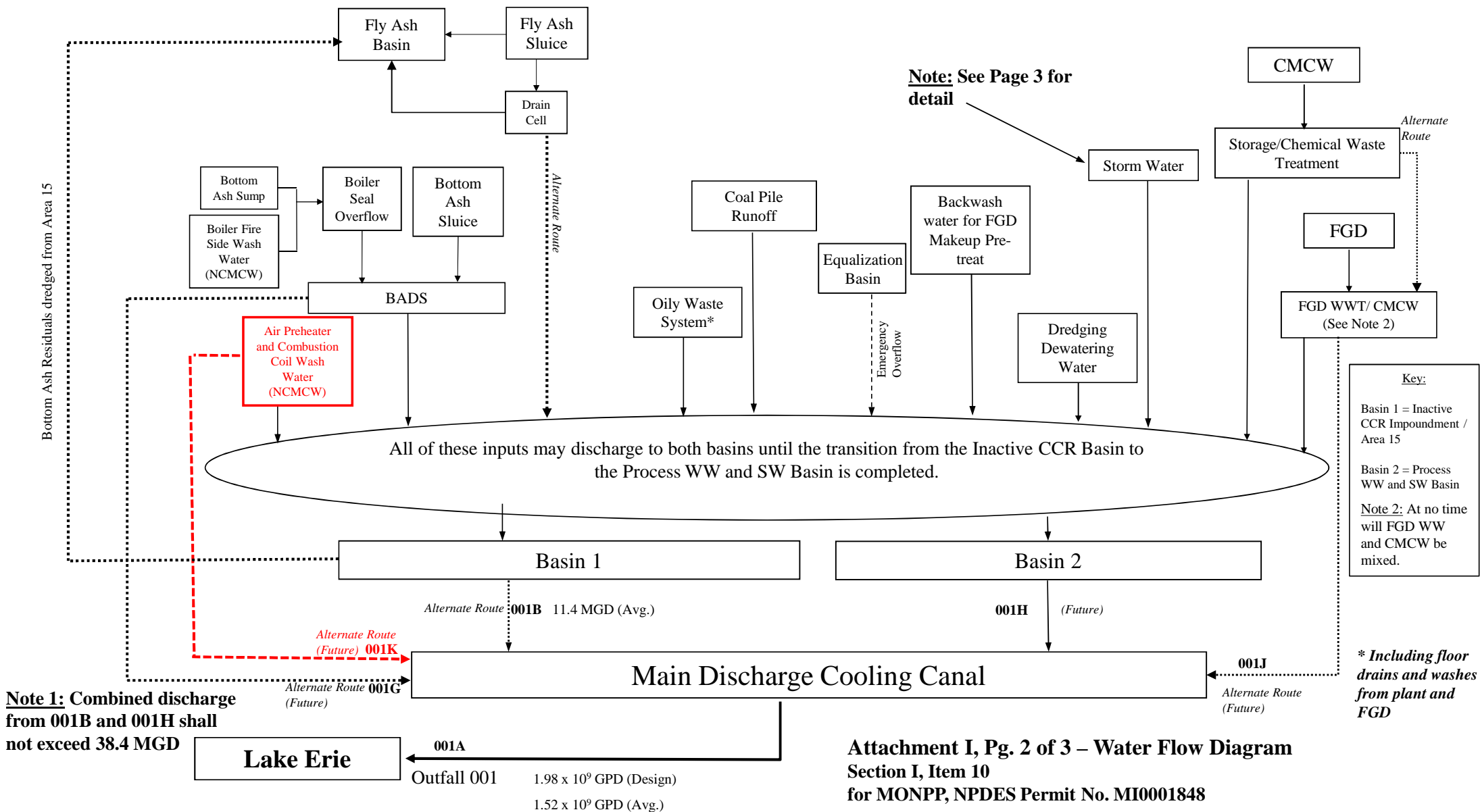
ENCLOSURE 1

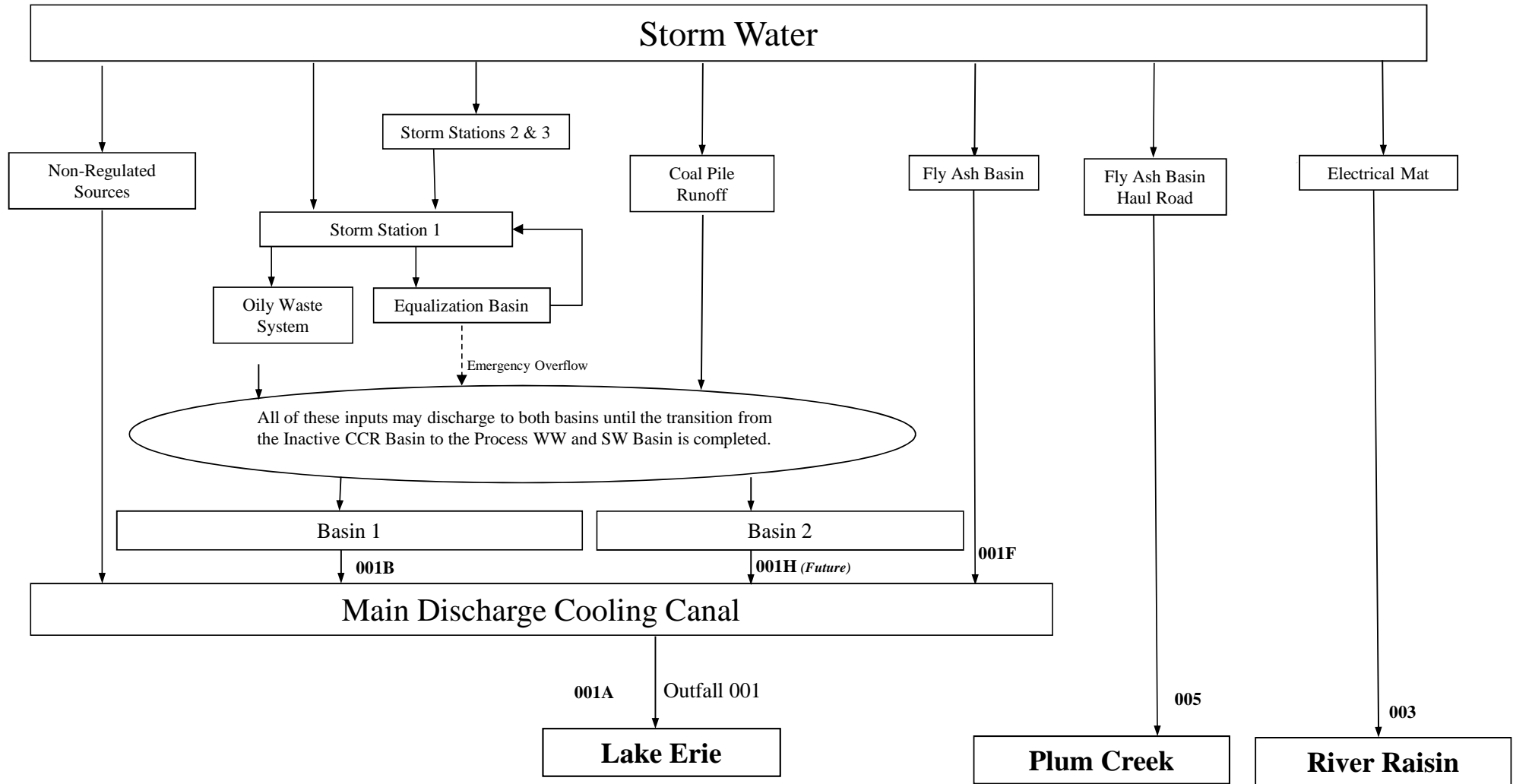
Revised Water Flow Diagram, DTE – MONPP

Attachment I for NPDES Permit Application MI0001848



Bottom Ash Residuals dredged from Area 15





Attachment I, Pg. 3 of 3 – Water Flow Diagram
Section I, Item 10
for MONPP, NPDES Permit No. MI0001848

Michigan Department of Environmental Quality – Water Resources Division
WASTEWATER DISCHARGE PERMIT APPLICATION
 SECTION III – Industrial and Commercial Wastewater

B. Outfall Information

PLEASE TYPE OR PRINT

FACILITY NAME Monroe Power Plant	NPDES PERMIT NUMBER MI0001848	OUTFALL NUMBER 001
<p>2. PROCESS STREAMS CONTRIBUTING TO OUTFALL DISCHARGE</p> <p>Federal regulations require that different industries report different information, depending on the type of facility. The information below is used to determine the applicable federal regulations for this facility. An abbreviated list is on Page 11 in the 'Summary of Information to be reported by Industry Type' section of the Appendix. Applicants are required to provide the name and the SIC or the NAICS code for each process at the facility. Facilities with production-based limits must report an estimated annual production rate for the next five (5) years or the life of the permit. If the wastestream is not regulated under federal categorical standards, the applicant is required to report all pollutants which have the reasonable potential to be present in the discharge. To submit additional information, see Page ii, Item 3.</p>		
<p>PROCESS INFORMATION</p> <p>A. Name of the process contributing to the discharge: <u>Non-Chemical Metal Cleaning Waste - MP 001K</u></p> <p>B. SIC or NAICS code: <u>4911</u></p> <p>C. Describe the process and provide measures of production: <u>See the attached page for a description of this waste stream.</u></p>		
<p>PROCESS INFORMATION</p> <p>A. Name of the process contributing to the discharge: _____</p> <p>B. SIC or NAICS code: _____</p> <p>C. Describe the process and provide measures of production: _____</p>		
<p>PROCESS INFORMATION</p> <p>A. Name of the process contributing to the discharge: _____</p> <p>B. SIC or NAICS code: _____</p> <p>C. Describe the process and provide measures of production: _____</p>		
<p>PROCESS INFORMATION</p> <p>A. Name of the process contributing to the discharge: _____</p> <p>B. SIC or NAICS code: _____</p> <p>C. Describe the process and provide measures of production: _____</p>		
<p>PROCESS INFORMATION</p> <p>A. Name of the process contributing to the discharge: _____</p> <p>B. SIC or NAICS code: _____</p> <p>C. Describe the process and provide measures of production: _____</p>		

Attachment to Section III.B.2, Pg. 20

Application for Reissuance of NPDES Permit No. MI0001848

Monroe Power Plant

Information for Process Streams Contributing to Outfall 001 Discharge

Item C. for MP 001K: Non-Chemical Metal Cleaning Waste (NCMCW)

- Note 1: This is an alternate discharge route to be commissioned in the future with the subsequent decommissioning of this discharge into the inactive CCR basin (aka Area 15).
- Note 2: This discharge would not result in an increase in total flow through Outfall 001.

Maximum discharge estimated at 1.5 MGD.